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<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	09/502,498	
	Filing Date	11 February 2000	
	First Named Inventor	Andrzej Kilian	
	Art Unit	1652	
	Examiner Name	Malgorzata A Walicka	
Total Number of Pages in This Submission	147	Attorney Docket Number	407C2

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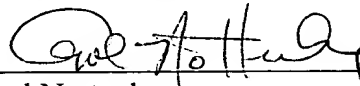
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Andrzej Kilian and David Bowtell  
Title : VERTEBRATE TELOMERASE GENES AND PROTEINS AND USES THEREOF  
Application No. : 09/502,498  
Filing Date : 11 February 2000  
Examiner : Magorzata A Walicka  
Art Unit : 1652  
Docket No. : 407C2  
Date : March 9, 2004

Commissioner for Patents  
P.O. Box 1450  
Alexandria VA 22313-1450

AMENDMENT

Sir:

In response to the Office Action dated 21 January 2004, Applicants submit the following Amendments and Remarks. Please amend the application as follows:

**Amendments to the Specification** beginning on page 2 of this paper.

**Amendments to the Claims** beginning on page 3 of this paper.

**Amendments to the Drawings** beginning on page 5 of this paper.

**Remarks** beginning on page 6 of this paper.

**Attachments** including substitute drawings (Figs 11A and 11L), annotated Figs. 11A and 11L, marked-up substitute specification, and a clean substitute specification.